Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 25 Dec 2023 until 23:59 on Tuesday 26 Dec 2023

Forecast Issued on Monday 25 Dec 2023 at 03:09

Confidence: High becoming Medium in detail from Wednesday.

Headline for Monday 25 Dec 2023: Rain or showers. Windy over the tops.

Mountain weather hazards on Monday 25 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Heavy Rain	Heavy Rain	Light rain	Dull
Precipitation probability					
40%	30%	60%	70%	40%	20%

Forecast for Monday 25 Dec 2023

Weather: Mostly cloudy with occasional showers in the morning, the showers merging into longer outbreaks of rain in the afternoon and early evening, heavy at times. The cloud then lifting and breaking during the evening with a scattering of showers. Windy with strong winds at height and a significant wind chill.

Chance of cloud-free hill tops above 600m: 70% becoming 30% in the afternoon, before rising 80% in the evening.

Low cloud and visibility: Occasional or extensive cloud, bases around 600m, becoming extensive, bases 300 to 500m in the afternoon, before lifting and breaking in the evening. Visibility moderate to very poor at times at height, but often good or very good lower down early and later in the period.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 25 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/34 W	25/31 SW	27/35 SW	21/28 SW	24/33 W	27/36 W	28/38 W
300	20/26 W	17/24 SW	19/27 SW	13/19 SW	17/26 W	20/29 W	21/31 W
Valley	12/26 W	10/23 SW	12/25 SW	8/19 SW	12/27 W	13/29 W	15/31 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	5/-0	5/-1	5/-0	5/-0	4/-3	2/-4
300	8/4	7/3	8/4	7/4	7/3	6/2	5/-0
Valley	8/6	8/5	8/5	8/5	8/5	6/3	6/2
Freezing Level*	1500m	1400m	1300m	1500m	1300m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Merry Christmas.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 25 Dec 2023	12.9mm	37.3mm	53.9mm

Forecast for Tuesday 26 Dec 2023

Weather: The odd wintry shower overnight and early morning, otherwise dry and bright with some sunny spells on Boxing Day. Winds also easing.

Maximum wind: West or NW 25 gusting 35mph, easing 10 to 15mph around midday.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Mainly no significant cloud, but occasional cloud around the tops in any early showers. Visibility mostly good or very good.

Temperature: **Valleys:** Plus 3 to 7 Celsius
At 600m: Zero to Plus 2 Celsius
Freezing level: Around the highest tops

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